

ABSTRACT

A light emitting device is provided to correctly detect a temperature of a light emitting element, and to prevent breakdown or deterioration of the light emitting element.

5 The light emitting device of the invention includes a light emitting element having an electric signal terminal, that is driven by an electric signal given from the outside to the electric signal terminal, and a semiconductor chip for driving the light emitting element, including a light emitting element driving circuit and a temperature detecting element that are made of a semiconductor. The semiconductor chip outputs and applies the electric signal to the electric signal terminal. The temperature detecting element detects an ambient temperature. The light emitting element is mounted on the semiconductor chip 10 for driving the light emitting element, and is driven based on the temperature detected by the temperature detecting element. 15